



# RC-10

## FREQUENCY CONTROLLER FOR IC-751 INSTRUCTION MANUAL

This instruction manual provides descriptions and operating instructions for the optional frequency controller for ICOM transceiver IC-751. Please read all the instructions carefully before using this controller, so you will get maximum performance and full value from the set.

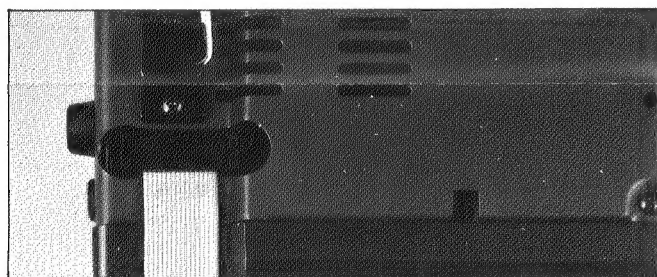
### FEATURES

This controller provides easy and fast frequency setting and band changing by pushing key buttons.

In addition, this controller has a VFO switch and SPEECH SYNTHESIZER starting switch. Which enhance the IC-751 features.

### CONNECTION

Plug in the connector attached to the end of the flat cable of the controller to the board edge located at the bottom of the IC-751 as shown in the photo.



### OPERATION

After connecting the flat cable to the IC-751, set the REMOTE switch to the ON position, and the operating frequency and VFO of the IC-751 can be controlled by this controller.

### FREQUENCY SETTING

By pushing the digit keys in order of the desired frequency digits, the frequency display will be changed according to the key that is pushed. When the frequency display shows the desired frequency, push the "ENT" key and the operating frequency of the IC-751 will be changed to the displayed one.

#### For example:

When desiring to set 21.234.5MHz, push the digit keys as follows;

2 1 2 3 4 5 ENT

If you pushed a wrong digit key (before pushing the "ENT" key), push the "CE" key, and the frequency display shows the previous frequency (operating frequency). Now you can set the desired frequency again.

When setting the desired frequency, push all digit keys in order to the desired frequency down to 100Hz digit, then the "ENT" key, except the desired frequency is exactly on a MHz (for example; 14.000.0MHz).

#### For example:

When desiring to set 14.000.0MHz, push the digit keys as follows;

1 4 ENT

When the desired frequency is lower than 1MHz, push "0" key first, then the digit keys of the desired one.

#### For example:

When desiring to set 828KHz (0.828.0MHz), push the digit keys as follows;

0 8 2 8 0 ENT

When the IC-751 is on a HAM band and you have entered a frequency that is out of any HAM band frequency, that frequency is not transferred to the IC-751 and the set works continuously on the previous operating frequency.

When the TUNING RATE SWITCH of the IC-751 is turned ON, the 100Hz digit will be "0", even if other figure has been entered. So if you want to set a frequency that has a 100Hz digit other than "0", turn OFF the TUNING RATE SWITCH.

### CONTROL FUNCTIONS

